

## **Statement of purpose**

Nowadays studying is a common activity that many people are expecting to do especially youth. At the beginning of activity we need to know what we are doing, defining the purpose of the activity, setting the guidelines or the expected outcome of the activity. This paper describes my objectives of looking for Master of Science in Information Technology degree, my background in computer science, my plan after getting the degree, my reasons for attending Carnegie Mellon University in Rwanda and my qualities as a candidate looking for scholarship in Carnegie Mellon University.

Since I was young I liked studying as I tried to succeed each and every course. In schools, every student has his/her favorite courses based on the ability of success and talent. Mine goes to IT related fields as I studied computer science in high school and University but the problem I faced was low quality of practical experiences due to lack of enough materials in schools I studied in. My purpose and objectives are to develop practical experiences using theories I learnt in schools that I attended earlier.

Additionally, my background in computer science started from high school where I studied computer science in Groupe Scholaire Notre Dame de la Paix(GSNDP) CYANIKA found in NYAMAGABE District located in Southern province of Rwanda where I finished my studies with high score of 40 marks out of 60 marks and I was the first one among the other in the class. My final project that time was about registering people in families and categories for the purpose of making easy insurance payment. I continued my studies in University of Rwanda through the scholarship given based on some criteria also in the field of computer science. The reason for me to take this option was that I wanted to be real it with enough knowledge. I finished my studies in University of Rwanda in July this year with score more than 70% and I am waiting for graduation which will take place on 8<sup>th</sup> November, 2019 so that I can get my bachelor's degree. At the end of University studies we made a group of three students and develop a project called "Poultry Allocation and Tracking Information System" which helped the company to manage remote client orders and delivery of chickens. After finishing my University studies, I found that

my practice is very low compared to the theories and I started improving my practice by attending web engineer course provided by Japanese company called Dive Into Codes which focuses on ruby on rails and I hope to get success.

Knowledge never gets waste(H.A. Ferenhof, 2016), once I get my master's degree the first thing to do is to find job so that I can help my family especially my mother and brother, secondly after getting job and I am planning to make money so that I can start one the two options that I am still thinking about. The first option is having my own school teaching IT related courses like Dive Into Codes of Japan started by a man called Mr. Noro. Another option is to have Software Development Company which will develop high quality and standardized softwares.

By using Carnegie Mellon University's website, google and information from friends attended Carnegie Mellon University meetings; I got explanations and more information about this University. As I said above the reason for me to miss practice is lack of materials for high school and University which is not the case for Carnegie Mellon University. I am a Rwandan, Rwanda is a country which is peaceful and many foreigners are coming to live in Rwanda. It is a great opportunity to be able to study in Carnegie Mellon University Africa in Rwanda that I cannot miss once I am accepted.

As a candidate, based on my background of studies I can be important to the university by succeeding all courses. On other hand for students I was very useful for most of them by giving help of explanations in last studies which was so good for me and I hope to be in the coming studies. I am able to accept every life condition as it is without any complain and I am able to live well with the others in the society.

Briefly, based on opportunities from Carnegie Mellon University Africa and my background of studies, being accepted as a candidate of Carnegie Mellon University Africa will be a great opportunity for me to improve my practical experience, getting master's degree, getting job, improving my life, developing my country as well as helping my family. I want to make my dreams come true through Carnegie Mellon University Africa.